


STATE OF NEW HAMPSHIRE
INTER-DEPARTMENT COMMUNICATION

FROM:	 Matt Urban Wetlands Program Manager	DATE:	August 23, 2017
		AT (OFFICE):	Department of Transportation
SUBJECT	Permit Amendment Swanzey, 23737 (NHDES#2015-02877)		Bureau of Environment
TO	Gino Infascelli, Public Works Permitting Officer New Hampshire Wetlands Bureau 29 Hazen Drive, P.O. Box 95 Concord, NH 03302-0095		

On July 7th 2016 the permit for the Swanzey, 23737 project was issued (DES#2015-02877). Subsequent to receiving the permit the Department and Town negotiated the inclusion of a stone step on the river bank to provide improved canoe access to the Ashuelot River. The proposed location for the step is in an area that was originally shown as temporary impact to facilitate access to the bridge during construction. The revised set of plans included herewith, show a 50 SF/10LF area on the bank that we are now showing as a permanent impact to accommodate for the construction of the step.

The conversion of 50 SF from Temporary impact to Permanent impact will not require any additional application fees.

However, the 10 LF of Permanent Bank impact associated with the step will require a single and onetime mitigation payment into the ARM-Fund in the amount of \$2,450.40

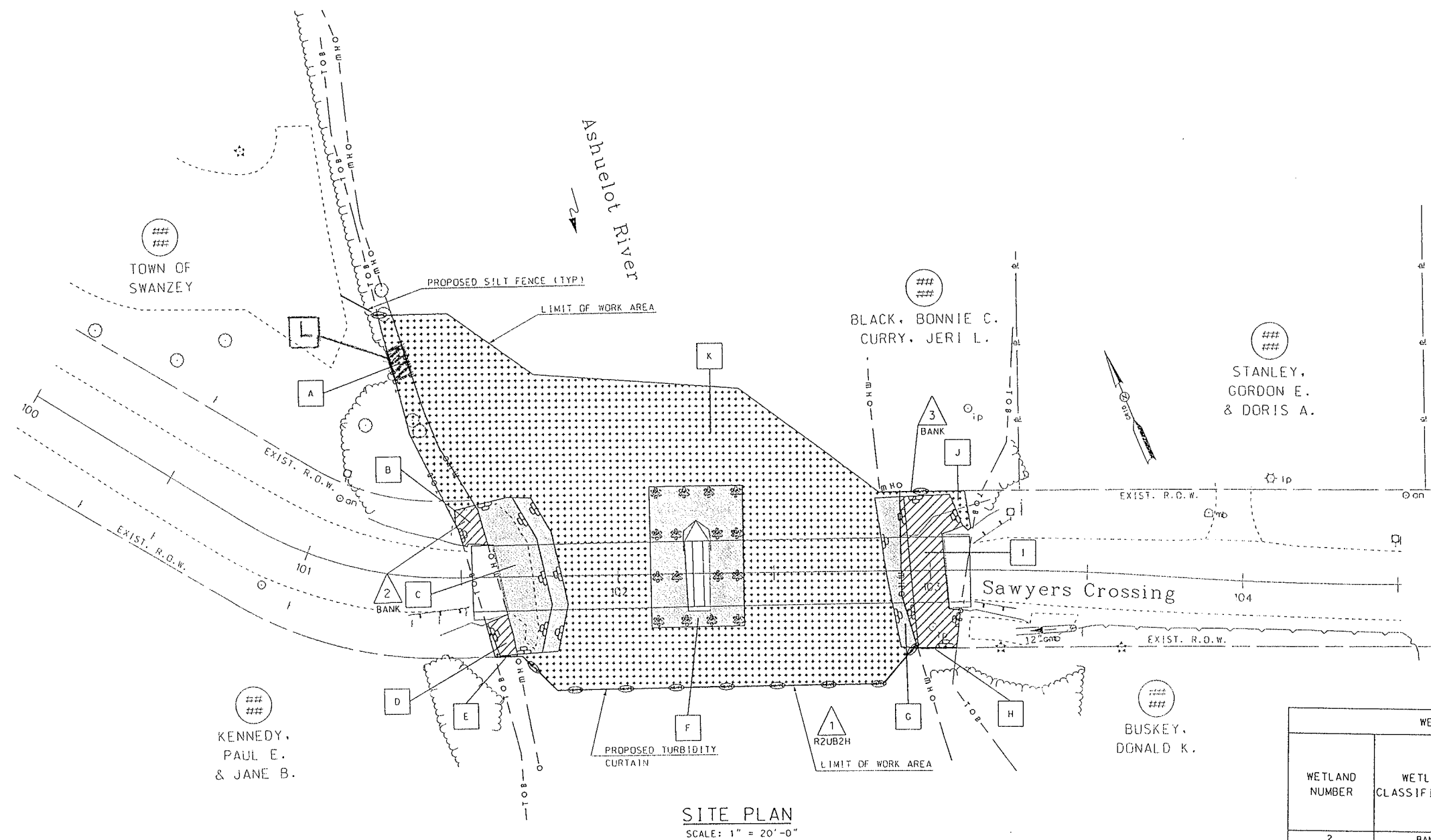
If and when this amendment request meets with the approval of the Bureau, please send the permit directly to Matt Urban, Wetlands Program Manager, Bureau of Environment.

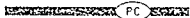



MRU:mru
Enclosures
cc:
BOE Original
Town of Swanzey, (4 copies via certified mail).
NH DOT Bureau of Construction
Barbra Skully, Chair, Ashuelot River Local Advisory Committee, (via Certified mail)

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**DES AQUATIC RESOURCE MITIGATION FUND
STREAM PAYMENT CALCULATION**

INSERT LINEAR FEET OF IMPACT on BOTH BANKS AND CHANNEL	Right Bank	
	Left Bank	10.0000
	Channel	
	TOTAL IMPACT	10.0000
	Stream Impact Cost:	\$2,042.00
	DES Administrative cost:	
		\$408.40
***** TOTAL ARM FUND STREAM PAYMENT*****		
		\$2,450.40

[illegible]


EROSION CONTROL LEGEND	
	<p>PERIMETER CONTROL</p> <hr/> <p>SILT FENCE</p> <p>EROSION CONTROL MIX BERM</p> <p>EROSION CONTROL MIX SOX</p> <p>TURBIDITY CURTAIN</p> <p>SHEET PILE</p> <p>COFFER DAM</p>
	<p>NATURAL BUFFER/PERIMETER CONTROL</p> <hr/> <p>SILT FENCE</p> <p>EROSION CONTROL MIX BERM</p> <p>EROSION CONTROL MIX SOX</p> <p>TURBIDITY CURTAIN</p> <p>SHEET PILE</p> <p>COFFER DAM</p>
	<p>CHANNEL PROTECTION</p> <hr/> <p>STONE CHECK DAMS</p> <p>STRAW WATTLES</p> <p>CHANNEL MATTING</p> <p>CLASS D EROSION STONE</p> <p>CLASS C STONE</p>
	<p>CLEAN WATER BYPASS</p> <hr/> <p>PUMP THROUGH PIPE</p> <p>DRAIN THROUGH PIPE OR CHANNEL</p>

WETLAND IMPACT SUMMARY - SWANZEY 23737					
WETLAND NUMBER	WETLAND CLASSIFICATION	LOCATION	AREA		
			PERMANENT IMPACTS		TEMPORARY IMPACTS
			N.H.W.B. (NDN-WETLAND)	N.H.W.B. & A.C.O.E. (WETLAND)	
			SF	SF	
2	BANK	A			440 360
2	BANK	B	99		
1	R2UB2H	C		908	
2	BANK	D	76		
2	BANK	E			15
1	R2UB2H	F		1137	
1	R2UB2H	G		256	
3	BANK	H			5
3	BANK	I	722		
3	BANK	J			65
1	R2UB2H	K			10019
2	BANK	L	50		

PERMANENT IMPACTS:	3198 SF	3,248
TEMPORARY IMPACTS:	10514 SF	10,464
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TOTAL IMPACTS:	13712 SF	13,712

PERMANENT IMPACTS TO BANKS: 72 LF 82
PERMANENT IMPACTS TO CHANNELS: 185 LF




STATE OF NEW HAMPSHIRE			
DEPARTMENT OF TRANSPORTATION • BUREAU OF HIGHWAY DESIGN			
WETLAND IMPACT PLAN			
SWANZEY - 23737			
DGN	STATE PROJECT NO.	SHEET NO.	TOTAL SHEET
23737PWT	23737-23738	4	7



ENGINEERED BY:
THOMAS LEVINS, PE
ONE ASSOCIATES, INC.
2/16/15

NOTE:
WETLANDS WERE DELINEATED BY NORMANDEAU ASSOCIATES, INC. ON AUGUST 16, 2013. THE WETLAND DELINEATION WAS COMPLETED IN ACCORDANCE WITH THE CRITERIA DESCRIBED IN THE U.S. ARMY CORPS OF ENGINEERS WETLAND DELINEATION MANUAL TECHNICAL REPORT Y-87-1 (JANUARY 1987) AND THE REGIONAL SUPPLEMENT FOR THE NORTHCENTRAL AND NORTHEAST REGION (JANUARY 2012) AND MEETS THE CRITERIA FOR WETLAND DELINEATION IN ACCORDANCE WITH THE NHDOS ADMINISTRATIVE RULES ENV-WT 301.01.

WETLAND CLASSIFICATION CODES	
R2UB2H	RIVERINE, LOWER PERENNIAL, UNCONSOLIDATED BOTTOM, SAND, PERMANENTLY FLOODED


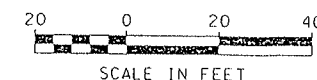
TYPE OF WETLAND IMPACT	SHADING/ HATCHING
NEW HAMPSHIRE WETLANDS BUREAU (PERMANENT NON-WETLAND)	
NEW HAMPSHIRE WETLANDS BUREAU & ARMY CORP OF ENGINEERS (PERMANENT WETLAND)	
TEMPORARY IMPACTS	

LEGEND

WETLAND DESIGNATION NUMBER

[illegible]

WETLAND MITIGATION AREA

 MITIGATION

GMA ASSOCIATES